

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Rajagopalan et al.

Application No.: Unassigned

Filed: Herewith

For: METHODS AND APPARATUSES
PROMOTING ADHESION OF
DIELECTRIC BARRIER FILM TO
COPPER

Examiner: Unassigned

Art Unit: Unassigned

INFORMATION DISCLOSURE
STATEMENT UNDER 37 CFR §1.97 and
§1.98

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

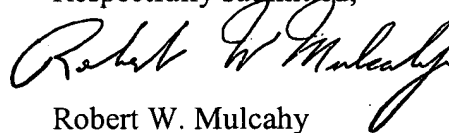
The references cited on the attached PTO/SB/08A and PTO/SB/08B forms are being called to the attention of the Examiner. Copies of the references are enclosed. It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information, and no inference should be made that the information and references cited are, or are considered to be material to patentability because they are in this statement. No inference should be made that the information and references cited are prior art merely because they are in this statement.

Applicant believes that no fee is required for submission of this statement.

However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 50-1074. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,

A handwritten signature in cursive script, appearing to read "Robert W. Mulcahy".

Robert W. Mulcahy
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KJT:crf

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Sheet

1

of

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Application Number

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| Unassigned |
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Filing Date

Filed Herewith

First Named Inventor

Rajagopalan, Nagarajan

Art Unit

Unassigned

Examiner Name

Unassigned

Attorney Docket Number

A8457/T51300

[illegible][illegible]

Date Considered

¹ EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ² Applicant's unique citation designation number (optional). ³ Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. ⁴ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁵ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁷ Applicant is to place a check mark here if English language Translation is attached.

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|---|---|----|---|-------------------------------|------------------------|
| Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i> | | | | Complete if Known | |
| | | | | <i>Application Number</i> | Unassigned |
| | | | | <i>Filing Date</i> | Filed Herewith |
| | | | | <i>First Named Inventor</i> | Rajagopalan, Nagarajan |
| | | | | <i>Art Unit</i> | Unassigned |
| | | | | <i>Examiner Name</i> | Unassigned |
| Sheet | 2 | of | 2 | <i>Attorney Docket Number</i> | A8457/T51300 |

| NON PATENT LITERATURE DOCUMENTS | | | |
|---------------------------------|--------------------------|---|----------------|
| Examiner Initials * | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
| | AR | HYMES et al., "Passivation of copper by silicide formation in dilute silane," <u>J. Applied Physics</u> , 71(9):4623-4625 (1992). | |
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